VARYTEC

User manual

Easy Move XS

HP Wash

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1. Safety instructions

- This device is suitable for indoor use only.
- All modifications to the device will void the warranty.
- Repairs are to carry out by skilled personnel only.
- Use only fuses of the same type and original parts as spare parts.
- Protect the unit from rain and humidity to avoid fire and electric shocks.
- Make sure to unplug the power supply before opening the housing.

1.1. FOR SAFE AND EFFICIENT OPERATION

Be careful with heat and extreme temperature

Avoid exposing it to direct rays of the sun or near a heating appliance.

Not put it in a temperature bellow 41°F /5°C, or exceeding 95°F /35°C.

Keep away from humidity, water and dust

Do not place the set in a location with high humidity or lots of dust.

Containers with water should not be placed on the set.

Keep away from sources of hum and noise

Such as transformer motor, tuner, TV set and amplifier.

To avoid placing on un-stable location

Select a level and stable location to avoid vibration.

Do not use chemicals or volatile liquids for cleaning

Use a clean dry cloth to wipe off the dust, or a wet soft cloth for stubborn dirt.

If out of work, contact sales agency immediately

Any troubles arose, remove the power plug soon, and contact with an engineer for repairing, do not open the cabinet by yourself, it might result a danger of electric shock.

Take care with the power cable

Never pull the power cable to remove the plug from the receptacle, be sure to hold the plug. When not using the device for an extended period of time, be sure to disconnect the plug from the receptacle.

Important: **Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems. Make sure the electrical connection is carried out by qualified personnel. All electrical and mechanical connections have to be carried out according to the European safety standards.**

2. Preface

2.1. Packing list

Product name	Quantity
Flat Par Light	1 pcs
Power -line	1 pcs
User Manual	1 pcs

2.2. Unpacking instructions

Once receiving a fixture, carefully unpack the carton, check the contents to ensure that all parts are presented, and have been received in a good condition. Notify the shipper immediately and retain packing material for inspection if any parts appear damaged from shipping or the carton itself shows, sign of mishandling. Save the carton and all packing materials. In the event that a fixture must be returned to the factory, it is important that the fixture be returned in the original factory box and packing.

2.3. AC Power

To determine the power requirements for a particular fixture, see the label affixed to the back plate of the fixture or refer to the fixtures specifications chart. A fixture listed current rating is its average current draw under normal conditions. All fixtures must be directly powered off a switched circuit and cannot be run off a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer source voltage matches the fixtures requirement. Check the fixture or device carefully to make sure that if a voltage selection switch exists that it sets to the correct line voltage you will use.

Warning! Verify that the voltage select switch on your unit matches the line voltage applied. Damage to your fixture may result if the line voltage applied does not match the voltage indicated on the voltage selector switch. All fixtures must be connected to circuits with a suitable Earth ground.

2.4. Safety instructions

Please read these instructions carefully, it includes important information about the installation, usage and maintenance of this product.

Be sure that the local power outlet matches that of the required voltage for your unit.
Do not attempt to operate this unit if the power cord has been frayed or broken. Do not attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and fire in case of an internal short.
Disconnect from main power before making any type of connection.
Do not remove the cover under any conditions. There are no user serviceable parts inside.
Never operate this unit when its cover is removed.
Never plug this unit into a dimmer pack.
Always be sure to mount this unit in an area that will allow proper ventilation.
Allow about 6 inch (15cm) between this device and a wall.
Do not attempt to operate this unit, if it becomes damaged.
During long periods of non-use, disconnect the unit's main power.
Always mount this unit in safe and stable matter.
Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the point they exit from the unit.
Cleaning -The fixture should be cleaned only as recommended by the manufacturer. See Cleaning for details.
Heat -The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.

The fixture should be serviced by qualified service personnel when:
A. The power-supply cord or the plug has been damaged.
B. Objects have fallen, or liquid has been spilling to the appliance.
C. The appliance has been exposed to rain or water.
D. The appliance does not appear to operate normally or exhibits a marked change in performance.

3. Introduction

3.1. Features

- Multi-Colors
- Color Strobe
- Electronic Dimming 0-100%
- Built in Microphone
- DMX-512 Control
- Auto/ Master & Slave synchronization
- Multi-channel mode

3.2. DMX Channels

In 5 channel mode

Channel	Function
1	PAN
2	TILT
3	DIMMER & STROBE
4	COLOR
5	BLANK

In 12 channel mode

Channel	Function
1	PAN
2	PAN FINE
3	TILT
4	TILT FINE
5	PAN/TILT SPEED
6	DIMMER & STROBE
7	RED
8	GREEN
9	BLUE
10	COLOR
11	COLOR SPEED
12	MOVEMENT(AUTO & SOUND EFFECT)

4. Set up

Disconnect the power cord before replacing a fuse and always replace with the same type fuse.

Power Supply: Before plugging your unit in, be sure the source voltage in your area matches the required voltage. The Light is available in a 110v to 250v version. Because line voltage may vary from venue to venue, you should be sure your unit voltage matches the wall outlet voltage before attempting to operate you fixture.

4.1. Fuse replacement

With a flat head screwdriver wedge the fuse hold out of its housing. Remove the damaged fuse from its holder and replace with exact same type fuse. Insert the fuse holder back in its place and reconnect power.

4.2. Fixture linking

You will need a serial data link to run light show of one or more fixtures using a DMX-512 controller or to run synchronized on two or more fixtures set to a master/slave operating mode. The combined number of channels required by all the fixtures on a serial data link determines the number of fixtures the data link can support.

Maximum recommended serial data link distance: 500 meters (1640ft).

Maximum recommended number of fixtures on a serial data link: 32 fixtures.

Data cabling

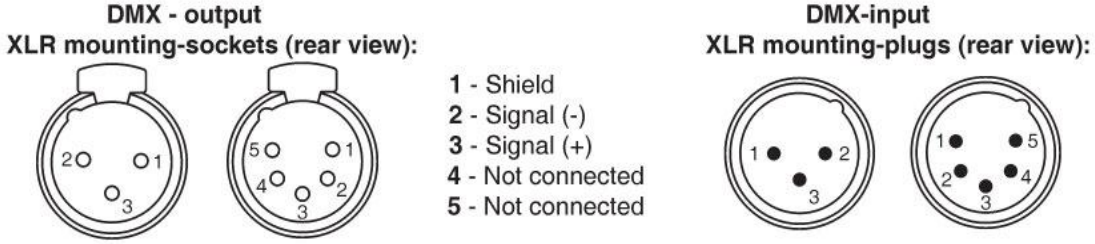
To link fixtures together you must obtain data cables. If you choose to create your own cable please use data-grade cables that can carry a high quality signal and are less prone to electromagnetic interference.

4.3. 3-Pin to 5-Pin conversion chart

Note! If you use a controller with a 5 pin DMX output connector. you will need to use a 5pin to 3 pin CHAUVET Model No: DMX 5M or DMX 5F

The chart below details a proper cable conversion:

Occupation of the XLR-connection:



4.4. Master/Slave fixture linking

1. Connect the (male) 3 pin connector side of the DMX cable to the output (female) 3pin connector of the first fixture.
2. Connect the end of the cable coming from the first fixture which will have a (female) 3 pin connector to the input connector of the next fixture consisting of a (male) 3 pin connector. Then, proceed to connect from the output as stated above to the input of the following fixture and so on.

4.5. Orientation

This fixture may be mounted in any position provided there is adequate room for ventilation.

5. Operating instructions

5.1. Navigating the control panel

Access control panel functions using the four panel buttons located directly under the Display.

5.2. Menu map

Six distinct operating modes, many with sub-modes, are supported by the unit. To selected use the "MODE/ESC" button to enter the menu. "UP" and "DOWN" button choose from values available with the "ENTER" button confirming any selection. After a few seconds, the LED Display will back during operation until another button is pressed.

In –built Program Mode

5.3. User configurations

5.3.1. Setting Maximum Pan Angles

To select, use the "MODE/ESC" button and choose "PA18", "PA36",or "PA54". "UP" and "DOWN" buttons cycle between all available Pan Angles. Press the "ENTER" button to confirm the chosen selection.

LED Display	Maximum Pan
PA18	180º
PA36	360º
PA54	540º

5.3.2. Setting Maximum Tilt Angles

To select, use the "MODE/ESC" button and choose "t.9" or "t.18" "UP" and "DOWN" buttons cycle between all available Tilt Angles. Press the "ENTER" button to confirm the chosen selection.

LED Display	Maximum Pan
t.9	90º
t.18	180º

5.4. One-in-built Program Mode (continued)

As the unit can be mounted hung under earth trussing, or can sit equally well on a flat surface, pan, tilt and LED display settings can be reserved to provide correct coverage and ease of use.

5.4.1. Setting Reversed or Normal Pan

To select, use the “MODE/ESC” button and choose “Pan”(normal) or “r Pan” (reversed). “UP” and “DOWN” buttons cycle between the two settings. Press the “ENTER” button to confirm the chosen selection

5.4.2. Setting Reversed or Normal Tilt

To select, use the “MODE/ESC” button and choose “t.L” (normal) or “rt.l”(reversed).“UP” and “DOWN” buttons cycle between the two settings. Press the “ENTER” button to confirm the chosen selection

5.4.3. Setting Reversed or Normal LED Display

To select, use the “MODE/ESC” button and choose “d.s”(normal) or “rd.s”(reversed). “UP” and “DOWN” buttons cycle between the two settings. Press the “ENTER” button to confirm the chosen selection

6. Modes

6.1. Auto Run Mode

One of two Auto Run Sub-modes can be selected with a choice of preset speeds .This mode enables the unit to act as a Master to other Slave units

6.1.1. Choosing Auto Run Sub-modes

To select, use the “MODE/ESC” button to show “NAFA” or “NASL”. “UP” and “DOWN” buttons change between the two initial options. With the appropriated option selected, use “ENTER” to confirm and the LED Display with change to: “Fast” (fast) or “SloU” (slow). The unit will then run at the chosen speed

Initial LED Display	Second LED Display	Sub-mode
NAFA	Fast	Fast Auto Run
NAFL	SloU	Slow Auto Run

6.2. Sound Activated Mode

The unit responds to sounds picked up by the unit in microphone to create a light show . Each sound picked up makes changes to color shown and position of the effects. This mode enables the unit to act a Master to other Slave units

Choosing Sound Activated

To select, use the “MODE/ESC” button and choose “NStS”. When the “ENTER” button is pressed the LED Display changes to “SrUn” and the unit enters Sound Activated Mode.

Initial LED Display	Second LED Display	Sub-mode
NStS	SrUn	Sound Activated

6.3. Slave Mode

Up-to 32 units can be daisy chained together with one single unit acting as Master and all other linked units as Slaves. Slave units will all run in synch with the master unit without the need for an additional controller. Connections can be made using standard DMX control cables with Master unit running in Auto Run or Sound Activated Modes an placed at the start of the chain

Choosing Slave Mode

To select, use the “MODE/ESC” button and choose “SLAu”. When the “ENTER” button is pressed the LED display changes to “Son” and the unit will be slaved to control signals coming from a Master unit

6.4. Service Modes

After major configuration changes it may be necessary to reboot or reset the unit.

Resetting the Unit

To select, use the “MODE/ESC” button and choose “rEST”(restore). Press “ENTER” to confirm. The unit powers itself down and then on again for a few seconds. During this time the LED display will scroll “rEST” from left to right, after which normal operation recommences.

Restoring factory defaults

To select, use the “MODE/ESC” button and choose “LoAD”(load). Press “ENTER” to confirm. The LED display will change to “d001” to confirm a factory reset has been completed

Powering the unit initially

During the warm up the unit will auto test itself for a few seconds. During this time the led display will scroll “rEST” from left to right .The unit then commences operation normall

6.5. DMX Modes

The unit supports 5 and 12 channel DMX Sub-modes frim a standard desk. When a suitable DMX connection is made, the “decimal point” in “d.001” will flash.

Setting DMX Addresses

Use the “MODE/ESC” button to display “d001”, “UP” and “DOWN” buttons allows individual DMX addresses to be set from “d001” to “d512”

Choosing between DMX Sub-modes

The LED display shows the chosen control mode when the “MODE” button is pressed. Use “UP” and “DOWN” buttons to choose the appropriated DMX control Mode

LED Display	DMX Sub-mode
5CH	5Channel
12CH	12channel

6.6. Color Options

The Unit offers a range of 16 preset colors. These can be individually selected with DMX control and feature in Auto Run Sound Active modes.

Color Preset
White
Red
Dark Green
Dark Blue
Light Blue
Magenta
Yellow
Purple
Orange
Light Green
Pink
Ochre
Gold
Crimson
Violet
Dark Purple

6.7. DMX channel Values

In 5 channel mode

Channel		Function
1	0-255	**PAN**
2	0-255	**TILT**
3		**DIMMER & STROBE**
	0-7	blank
	8-134	Dimmer
	135-239	Strobe from 0Hz to 40Hz
	240-255	Open
4		**COLOR**
	0-7	Blank
	8-21	White
	22-34	Red
	35-49	Dark green
	50-63	Dark blue

	64-77	Light blue
	78-91	Magenta
	92-105	Yellow
	106-119	Purple
	120-133	Orange
	134-147	Light green
	148-161	Pink
	162-175	Ochre
	176-189	Gold
	190-203	Crimson
	204-217	Violet
	218-231	Dark Purple
	232-255	Color Change
5	0-255	**BLANK**

In 12 channel mode

Channel		Function
1	0-255	**PAN**
2	0-255	**PAN FINE**
3	0-255	**TILT**
4	0-255	**TILT FINE**
5	0-255	**PAN/TILT SPEED** From Fast to Slow
6		**DIMMER & STROBE**
	0-7	Blank
	8-134	Dimmer
	135-239	Strobe from 0Hz to 40Hz
	240-255	Open
7	0-255	**RED**
8	0-255	**GREEN**
9	0-255	**BLUE**
10		**COLOR**
	0-7	Blank
	8-21	White
	22-34	Red
	35-49	Dark Green
	50-63	Dark Blue
	64-77	Light Blue
	78-91	Magenta
	92-105	Yellow

	106-119	Purple
	120-134	Orange
	135-147	Light Green
	148-161	Pink
	162-175	Ochre
	176-189	Gold
	190-203	Crimson
	204-217	Violet
	218-231	Dark Purple
	232-255	Color Change
11	0-255	**COLOR SPEED**
12		**MOVEMENT(AUTO & SOUND EFFECT)**
	0-7	Blank
	8-22	Auto 1
	23-37	Auto 2
	38-53	Auto 3
	54-67	Auto 4
	68-82	Auto 5
	83-97	Auto 6
	98-112	Auto 7
	113-127	Auto 8
	128-142	Sound 1
	143-157	Sound 2
	158-172	Sound 3
	173-187	Sound 4
	188-202	Sound 5
	203-217	Sound 6
	218-232	Sound 7
	233-255	Sound 8

7. Technical data

Model number	HP Wash 18 x 3W
Voltage	230V/50Hz
LED	18x3w LED
Dimensions	225mm*225mm*270mm
Net Weight	4.2Kg
Power consumption	80W max
Max Pan Angle	540°
Max Tilt Angle	180°

Importer:

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